


Cell culture

GD Gabriela Dankova

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 An abbreviated version of this protocol was published in eLIFE in Nov 2019

Novel genetic loci affecting facial shape variation in humans

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Detailed protocol

You can see the protocol for culturing the cells in the uploaded file. This information was provided by the coauthors of the article Femke MS de Vrij, Bas Lendemeijer, and Steven A Kushner. For more information about isolation and differentiation of the cells see the articles which we mention in the section "Cell culture" of Materials and methods ((Gunhanlar et al., 2018) (Dupin and Coelho-Aguiar, 2013; Lee et al., 2007)). The CD271+ cells are sorted after EB stage and sorting is based on this paper: <http://dx.plos.org/10.1371/journal.pone.0017540> . I believe this provides enough information to be able to culture the cells. In case of further questions, please contact us.

Related files

 NPC protocol_eLife.docx



How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Dankova, G. (2020). Cell culture. Bio-protocol Preprint. bio-protocol.org/prep210.
2. Xiong, Z., Dankova, G., Howe, L. J., Lee, M. K., Hysi, P. G., de Jong, M. A., Zhu, G., Adhikari, K., Li, D., Li, Y., Pan, B., Feingold, E., Marazita, M. L., Shaffer, J. R., McAloney, K., Xu, S., Jin, L., Wang, S., de Vrij, F. M., Lendemeijer, B., Richmond, S., Zhurov, A., Lewis, S., Sharp, G. C., Paternoster, L., Thompson, H., Gonzalez-Jose, R., Bortolini, M. C., Canizales-Quinteros, S., Gallo, C., Poletti, G., Bedoya, G., Rothhammer, F., Uitterlinden, A. G., Ikram, M. A., Wolvius, E., Kushner, S. A., Nijsten, T. E., Palstra, R. T., Boehringer, S., Medland, S. E., Tang, K., Ruiz-Linares, A., Martin, N. G., Spector, T. D., Stergiakouli, E., Weinberg, S. M., Liu, F. and Kayser, M.(2019). Novel genetic loci affecting facial shape variation in humans. eLIFE. DOI: [10.7554/eLife.49898](https://doi.org/10.7554/eLife.49898)

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